

TSG-RAN WG3 meeting #7
Sophia Antipolis, 20-24 September 1999

TSGR3#7(99)D10

To: TSG RAN WG1
CC: TSG RAN WG2, TSG RAN WG4

Source: TSG RAN WG3

Title: **Proposed Liaison : Reply to LS from WG1 on power control issues.**

WG3 thanks WG1 for its Liaison Statement (TSGR1#6(99)A53, TSGR3#7(99)a96) on power control issues. WG3 related issues have been investigated at the last WG3 meeting and progress is summarised below.

Please note that the following answers refer to FDD and TDD mode except where noted. For TDD mode the uplink and downlink shared channels have not been considered.

Item 1, Limits on the fast (inner) loop power control

The minimum and maximum power between which inner loop power control allows the power to be varied as defined in the WG3 specifications refers to Downlink only.

Item 4, Slow power control

The WG3 specifications do not support this functionality at the current time. WG3 would welcome comments on the requirements and procedures that may be used for such a function.

Item 8, Outer loop power control

The WG3 specifications set an Eb/No target rather than SIR target, and it is an absolute value. WG3 therefore consider that rate changes have no effect on the Eb/No target.

The downlink is considered to be a TSG RAN-WG2 issue for FDD and both the uplink and downlink are a TSG RAN-WG2 issue for TDD.

Item 9, Impact on the compressed mode on outer loop power control

As stated above, the WG3 specifications set the absolute Eb/No target rather than SIR. WG3 request that WG1 inform us if Eb/No needs to be different for compressed mode so that the appropriate signalling can be incorporated into the WG3 specifications.